CLASSIFICATION:

UNCLASSIFIED

EXHIBIT R-2, RDT&E Budget Item Justification							DATE:							
							Februai	ry 2003						
APPROPRIATION/BUDGET ACTIVITY					R-1 ITEM NOMEN	ICLATURE	•							
RESEARCH DEVELOPMENT TEST & EVALUATION	ON, NAVY /	BA-5	Ţ		0604264N/Aircrew	Systems Develop	pment							
COST (\$ in Millions)	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009						
Total PE Cost	15.915	7.524	8.765	8.032	3.662	2.608	2.733	2.729						
W0606 Aircrew Systems Development	8.344	6.547	8.765	8.032	3.662	2.608	2.733	2.729						
W2877 Joint Helmet Mounted Cueing System	2.412													
W2879 SIIIS Ejection Program	0.977	0.977												
W9061 Intensifier Tube Advanced Development	4.182													

U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

The Aircrew Systems Development program provides engineering and manufacturing development (EMD) of Aviation Life Support Systems to protect aircrews from current and future threats including: directed energy weapons, chemical/biological/radiological agents/fallout, ballistic projectiles, temperature extremes, heat/fire, low concentration oxygen environments, high dynamic forces during emergency egress, and high "G" forces. The program also provides development for the following capabilities: head protection, in flight restraint and stability emergency egress and descent, escape and evasion, survival and rescue, crash protection, and anthropometric sizing for small aircrew. Acquisition initiatives include: competition, the application of streamlining initiatives, use of non-developmental items (NDI), joint and tri-service developments, and the pursuit of NATO/allied cooperative ventures, which expedite introduction of new products into Navy and Marine Corps fixed and rotary wing aircraft, reduce costs, and promote commonality.

R-1 SHOPPING LIST - Item No.

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Exhibit R-2, RDTEN Budget Item Justification (Exhibit R-2, page 1 of 13)

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification							DATE:	
							Februa	ry 2003
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEM	ENT NUMBER AND	NAME		PROJECT NUMBE	R AND NAME		
RDT&E, N / BA-5	stems Developmen	t						
COST (\$ in Millions)	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Project Cost	8.344	6.547	8.765	8.032	3.662	2.608	2.733	2.729
RDT&E Articles Qty								

U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

(U) SUBPROJECTS:

- (U) ESCAPE AND CRASH SAFETY: Navy Aircrew Common Ejection Seat Pre-Planned Product Improvement (NACES P3I), Advanced Crashworthy Aircrew Survival Systems (ACASS), Joint Cockpit Air Bag System (JCABS), Crashworthy Troop Seats (CWTS), Escape System Injury Reduction Program (ESIRP) for aircrew using helmet mounted systems and small occupants (formerly NON-NACES and Small Occupant Escape System).
- (U) LIFE SUPPORT/THREAT PROTECTION: Extreme Cold Weather Improvement Program/State of the Art Survival Items (ECWIP/SOASI), Personal Protective Apparel (PPA) formerly AMELIA, Aircrew Accommodation Expansion Program (AAEP), Aviation Oxygen Systems (AOS), Aircrew Exposure Protection Systems (AEPS) formerly Aircrew Cooling/Advanced Integrated Life Support Systems (AILSS), Liquid Oxygen to ON-Board Oxygen Generating System (LTO), Common Smoke Mask (CSM), Joint Protective Air Crew Ensemble (JPACE), Combat Survivor Evader Locater (CSEL), and Mobile Aircrew Restraint System (MARS)/Tri-Service Safety Harness (TSSH).
- (U) HELMET, VISION AND DISPLAYS: Night Vision Systems (NVS), Joint Helmet Mounted Cueing System (JHMCS), Integrated Day/Night All Weather Helmet (IDNAWH), Wide Field of View (WFOV) Night Vision Goggle (formerly Panoramic Night Vision Goggle (PNVG), JHMCS Night Attack, Agile Frequency Laser Eye Protection, and Laser Eye Protection Improvement Program (LEPIP), Joint Aircrew Laser Eye Protection Visor (JALEPV).

R-1 SHOPPING LIST - Item No.

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justifica	ation	DATE:
		February 2003
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME
RDT&E, N / BA-5	0604264N/Aircrew Systems Development	W0606/Aircrew Systems Development
(U) B. Accomplishments/Planned Program		

	FY 02	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost	2.852	2.416	2.791	1.670
RDT&E Articles Quantity				

FY 2002 - NACES P3I: Continued aircraft (A/C) platform installation of phase I technologies. Initiated retrofit ECP for JHMCS provisions. Finalized phase II injury risk reduction trade study and established pricing for candidate modifications. Completed qualification tests (DT) and delivered first production units of selected phase II candidate modifications. AV-8B: Completed system and qualification testing (DT) and commenced A/C platform installation of performance improvements. Completed CDR and testing of Electronic Airspeed Altitude Sensor (EAAS). CWTS: Delivered initial production quantities of H-1 system and completed on aircraft integration assessments. Continued preliminary design on H-3 and H-46. ESIRP: Purchased long lead DT test hardware and prototype design fabrication. Completed SRD and PDR. FY 2003 - NACES P3I: Continue A/C platform installation of phase I technologies. Begin retrofit of JHMCS provisions. Initiate system design interface and system demonstration testing (DT) on selected phase II injury risk reduction candidate technology improvements. Continue production incorporation of selected phase II candidate modifications. AV-8B: Continue A/C platform installation of performance improvements and begin EAAS installation. CWTS: Implement design weight changes for H-1 and conduct delta demonstration testing (DT). Complete H-3/H-46 design efforts and incorporate ECP's. ESIRP: Conduct system level risk reduction demonstration (DT). Conduct component qualification (component DT) on selected stability and restraint candidate system technologies. Conduct CDR. FY 2004 - NACES P3I: Complete aircraft platform installation of phase I technologies. Complete design interface and system demonstration testing (DT) of selected phase II technologies and begin qualification efforts. AV-8B: Complete A/C platform installations of performance improvements and EAAS. Complete component qualification testing (DT) of restraint upgrades. CWTS: Commence installation of H-1 crashworthy seats. Conduct seat integration and demonstration testing (DT) for H-3/H-46 designs. ESIRP: Conduct system level qualification testing (DT) on select stability and restraint candidate system technologies. Commence preparation of platform ECP's. FY 2005 - NACES P3I: Complete system qualification testing and commence A/C incorporation of select phase II technologies. AV-8B: Complete ECP's and begin incorporation of restraint improvements. CWTS: Complete qualification (DT) of H-3/H-46 designs. ESIRP: Complete platform ECP's and begin aircraft introduction of stability and restraint candidate technologies.

	FY 02	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost	3.330	1.541	2.866	3.743
RDT&E Articles Quantity				

FY 2002 - ECWIP/SOASI: Continued evaluations and authorizations of state of the art survival items to include research of SOASI specific to Fleet for military hostile operations. PPA: Initiated DT IIA and preliminary NTAB fleet assessment of potential multi-climate protection system. AAEP: Completed mapping of all USN/USMC pilot crew stations. Published NAVAIRINST 3710.9C. Drafted technical report with anthropometric restriction codes on all aircraft. AEPS/AILSS: Completed testing initiated in FY-01. Developed warfare analysis of requirements. Drafted ORD. LOX TO OBOGS (LTO): Continued acquisition planning for replacement of Liquid Oxygen System with OBOGS for Naval Aircraft; prepared program documentation to include Systems Requirements Document (SRD) Program Development Plan, EA-6B integration study, prepared OBOGS performance spec, altitude lab preparation, conducted dynamic consumption test. CSM/AOS: Prepared sources sought and conducted market research. Performed feasibility analysis on Solid State Oxygen Monitor (SSOM) improvement alternatives. TSSH/MARS: Performed modeling studies to identify crashworthy mounting locations in aircraft cabin. Conducted HH-60H aircraft ground assessment to define operational mission requirements and to identify feasible mounting locations. Performed initial structural analysis for candidate mounting locations. Conducted follow-up aircraft assessments for SH-60B/F aircraft. Developed draft system performance specification. Prepared Statement of Work (SOW) and solicitation package for H60 series aircraft. FY 2003 - ECWIP/SOASI: Continue evaluations and authorizations of state of the art survival items. PPA: Conduct DT IIB testing to evaluate fit, performance and capability, finalize designs and procure systems in LRIP quantity for a fleet assessment. AAEP: Evaluate additional aircraft seat position (crew seats, flight engineer) in aircraft to equip for accommodation issues. Continue development of detailed cockpit CAD images and establish updated population anthropometric data collected by Digital Anthropometric Video Imaging Device (DAVID) or whole body scanners.

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification			DATE:
			February 2003
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND N	AME
RDT&E, N / BA-5	0604264N/Aircrew Systems Development	W0606/Aircrew Systems De	velopment

(U) B. Accomplishments/Planned Program

AEPS/AILSS: ORD Staffing. Program Planning. Prepare Acquisition Plan and Risk Assessment demonstrated technology. LOX TO OBOGS (LTO): Conclude integration studies of EA-6B aircraft and continue risk reduction and acquisition planning for remaining LOX equipped Naval Aircraft. CSM/AOS: Publish sources sought and continue DT of full face smoke masks and 02 containment devices for Naval fixed wing non-ejection aircraft. Perform technical evaluation for CSM. Complete program development plan for all platforms. TSSH/MARS: Conduct DT on H-60 MARS. Conduct modeling studies on other USN/USMC platforms. Prepare/revise system performance specification to accommodate additional platform requirements. Prepare solicitation data package for additional platforms. FY 2004 - ECWIP/SOASI: Continue evaluation and authorizations of state of the art survival items. PPA: Complete fleet assessment, finalize technical data package, begin procurement and fielding of the Multi-Climate Protection System. AAEP: Continue evaluating additional aircraft seat positions in aircraft so equipped for accommodation issues. Publish technical reports on accommodation levels in aircraft. Continue developing detailed cockpit CAD pictures. Reevaluate aircraft and anthropometric restriction codes as modifications to existing aircraft and/or aircrew clothing and equipment occur or as new aircraft are introduced. AEPS/AILSS: Continue PDRR, MS B. Release competitive solicitation. LOX TO OBOGS (LTO): Conclude integration studies of E-2 aircraft and continue risk reduction and acquisition planning for remaining LOX equipped Naval Aircraft. CSM/AOS: Continue DT of full face smoke masks and 02 containment devices for Naval fixed wing non-ejection aircraft. TSSH/MARS: Conduct DT on follow-on USN/USMC platforms. Provide upgraded MARS to Joint Service platforms and identify Joint Service requirements. FY 2005 - ECWIP/SOASI: Continue evaluations and authorizations of state of the art survival items. PPA: Continue procurement and fielding of MCP system. AAEP: Reeva

	FY 02	FY 03	FY 04	FY 05
Accomplishments/Effort/Subtotal Cost	2.162	2.590	3.108	2.619
RDT&E Articles Quantity				

FY 2002 - NVS: Continued to monitor and participate in PNVG Advanced Technology Development. JHMCS: Completed F/A-18 E/F DT/OT, LRIP III, reengineered F/A-18 C/D integration, JHMCS Night Attack: Completed studies. JALEPV: Received LRIP approval. FY 2003 - NVS: Continue to monitor and participate in WFOVNVG (formerly PNVG) testing. JHMCS: F/A-18 E/F Correct OT deficiencies, F/A-18 E/F MS III. JHMCS Night Attack: Interface Control Design (CD). JALEPV: Start Fleet assessment. LRIP II. IDNAWH: Program Design Review (PDR). FY 2004 - JHMCS P3I Night Attack: Initiate DT. JALEPV: MS III. LEPIP: (formerly Laser Spectacle Improvements): Commence DT. IDNAWH: Initiate DT/OT. FY 2005 - JHMCS P3I Night Attack: Initiate OT. IDNAWH: Continue DT/OT. NVS: WFOVNVG testing. Agile Frequency Laser PDR.

CLASSIFICATION:

PPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER	AND NAME		PROJECT NUMBER AN		ebruary 2003					
DT&E, N / BA-5	0604264N/Aircrew Systems Devel	opment		W0606/Aircrew Systems							
(U) C. PROGRAM CHANGE SUMMARY:											
(U) Funding:	FY 2002	FY 2003	FY 2004	FY 2005							
Previous President's Budget:	7.649	6.695	8.679	7.404							
Current BES/Presidents Budget:	8.344	6.547	8.765	8.032							
Total Adjustments	0.695	-0.148	0.086	0.628							
Summary of Adjustments											
Congressional program reductions											
Congressional undistributed reductions	i	-0.039									
Congressional rescissions	-0.016										
SBIR/STTR Transfer	-0.041										
Economic Assumptions	-0.024	-0.109	-0.255	-0.210							
Reprogrammings	0.776										
Other Navy/OSD Adjustments			0.341	0.838							
Subtotal	0.695	-0.148	0.086	0.628							

(U) Schedule:

FY 03 - CWTS H-1 has been delayed from FY 2001 to FY 2003 in order to perform a weight reduction design change and delta DT to complete the effort. FY 04 - JHMCS P3I program commencement was delayed from FY 2003 to FY 2004 since the delay in the start of operational testing slipped MS III. FY 04 - JALEPV MS III slipped from FY 2003 to FY 2004 due to the revised MS III schedule based on deficiencies being addressed and availability of funding.

(U) Technical:

Not Applicable.

CLASSIFICATION:

EXHIBIT R-2a, RDT&E F	Project Justification					DATE:								
						February 2003								
APPROPRIATION/BUDGET A	ACTIVITY		PROGRAM EL	EMENT NUME	BER AND NAM	E	PROJECT NUM	IBER AND NA	ME					
RDT&E, N /	BA-5		0604264N/Airc	rew Systems D	velopment									
(U) D. OTHER PROGR	RAM FUNDING SUMMARY:													
、 ,										To	Total			
Line Item No. & Nam	<u>e</u>	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	<u>Complete</u>	Cost			
Aviation Life Supp	ort - OPN 424400	25.818	18.183	27.749	27.351	53.617	26.318	26.722	27.207					
Aviation Life Supp	Aviation Life Support Mods - APN 057500			6.358	4.882	8.369	23.588	21.524	10.718					

(U) E. ACQUISITION STRATEGY:

Commercial Off-The-Shelf (COTS)/NDI where possible, cost plus award fee contracts. Cost as an Independent Variable. Majority of programs non-ACAT programs with no specific acquisition strategies.

(U) F. MAJOR PERFORMERS:

CLASSIFICATION:

									DATE:				
Exhibit R-3 Cost Analysis (pa	ge 1)										February 200	03	
APPROPRIATION/BUDGET ACTIV	/ITY	PROGRAM E	LEMENT				PROJECT NU	JMBER AND I	NAME				
RDT&E, N / BA-5	PRIATION/BUDGET ACTIVITY	Development		W0606/Aircre									
Cost Categories						FY 03		FY 04		FY 05			
						Award Date	FY 04 Cost	Award Date	FY 05 Cost	Award Date	Cost to Complete	Total Cost	Target Value of Contract
Systems Engineering					2.687	1	4.793	ł	4.887	Various	Continuing		
											1	1	1
, , , , ,		· · · · · · · · · · · · · · · · · · ·			0.731	Various	0.764		0.377	Various	Continuing	1	
).425	0.264				0.180	Various	Continuing	•	1
					0.180		0.115		0.090	Various	Continuing		
Systems Engineering	-				0.071	Various	0.073		0.073	Various	Continuing	`	
Ancillary Hardware Development	IBD	NAVAIR			1.150	Various	1.250	Various	0.603	Various	Continuing	Continuing	
Award Fees													
Subtotal Product Development			4.	2.736	5.083		7.335	;	6.210		Continuing	Continuing	
Integrated Logistics Support	WX/RX	NAWCAD, PAX RIVER, MD	1	6.785	0.304	Various	0.500	Various	0.460	Various	Continuing	Continuing	ı
Integrated Logistics Support	WX/RX	NSWC, CRANE. IN			0.200	Various	0.250	Various	0.200	Various	Continuing	Continuing	
Studies & Analyses	WX/RX	NAWCAD, PAX RIVER, MD			0.300	Various						0.300	
Award Fees													
Subtotal Support			1	6.785	0.804		0.750)	0.660		Continuing	Continuing	1
						-	•	-					
Remarks:													
			R-1 SI	HOP	PING LIST	- Item No	101						

CLASSIFICATION:

								DATE:				
Exhibit R-3 Cost Analysis (pag	je 2)									February 200	3	
APPROPRIATION/BUDGET ACTIV	ITY	PROGRAM EI	LEMENT			PROJECT NUI	MBER AND N	IAME				
RDT&E, N / BA-5		0604264N/Airo	crew Systems I	Development		W0606/Aircrew	Systems De	velopment				
Cost Categories	Contract	Performing	Total		FY 03		FY 04		FY 05			
	Method			FY 03	Award		Award		Award	Cost to	Total	Target Value
B 1 11 10 5 1 11	& Type	Location		Cost	Date		Date		Date	Complete	Cost	of Contract
Developmental Test & Evaluation	WX/RX	NAWCAD, PAX RIVER, MD	35.880	0.450		0.492	Various	0.182	Various	Continuing	Ů	
Developmental Test & Evaluation	WX/RX	NADEP, CHERRY PT., NC	0.221	0.090	Various	0.075	Various	0.230	Various	Continuing	Continuing	
Developmental Test & Evaluation	WX/RX	NSWC, INDIAN HEAD, MD		0.120	Various	0.113	Various	0.150	Various	Continuing	Continuing	
Operational Test & Evaluation	WX/RX	COMOPTEVFOR, Norfolk						0.600	Various	Continuing	Continuing	
	-											
Award Fees												
Subtotal T&E			36.101	0.660		0.680		1.162		Continuing	Continuing	
Remarks:	1											
SBIR Assessment			0.041								0.041	
	1											
	1											
	1										2.244	
Subtotal Management			0.041	0.000		0.000		0.000		0.000	0.041	
Remarks:												
Total Cost			95.663	6.547		8.765		8.032		Continuing	Continuing	
Remarks:												

CLASSIFICATION:

EXHIBIT R4, Schedu	le Prof	ile																								DATE	:	F	ebrua	ary 20	03		
APPROPRIATION/BUDG	ET ACT	IVITY								PROG	RAM	ELEM	ENT N	IUMBE	R AND	NAM (E					PROJ	ECT N	IUMBI	ER AN	ID NAN	ΛE			•			
RDT&E, N /	BA	۸-5								06042	64N/A	ircrew	Syste	ms De	velopm	ent						W060	6/Aircr	ew Sy	stems	Devel	opmer	nt					
Fiscal Year			2002				20	03			200	04			200	05			200	06		2007					20	2009					
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Acquisition Milestones																																	
LOX TO OBOGS CWTS MARS					H-60	SOW/S	SPEC	^	_ FOLL	OW-ON		MS B	ĺ	SPEC		_		∠ H-3, T SER'	H-46 TE VICE S	BD OW/SF	PEC												
PPA JALEPV ESIRP			7		^	PDR		PDR	CDR			MS III	l			CDR	200.1	LOZIK			_				TBD)							
JHMCS P3I NIGHT					PDR	FDK		$\stackrel{\frown}{\sim}$	CDR																								
Test & Evaluation Milestones																																	
CWTS JALEPV MARS				L	OT/OT	-			DT/O	T T					то сс	MPLE	ТЕ, ТВІ	D															
PPA					OT/OT																												
NACES II P3I JHMCS P3I NIGHT WFOV NVG NIGHT)T								DT DT			OT OT																	
ESIRP				[DT/O1	-																											L
Production Milestones																																	
PPA MARS JALEPV JHMCS		\ LR	IP III	 	₋RIP 1			LRIP	LRIP II			∑ FRP		LRIP																			
Deliveries																																	

CLASSIFICATION:

Exhibit R-4a, Schedule Detail	DATE: February 2003								
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT PROJECT NU					MBER AND NAME			
RDT&BA-5	0604264N/Aircrew Systems Development W0606			W0606/Aircrev	Aircrew Systems Development				
Schedule Profile	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	
LOX TO OBOGS MSB			2Q						
MARS SPECS - H-60, PLATFORMS, LRIP, JOINT	3Q	3Q	4Q	3Q					
PPA - MSB, PDR&LRIP, CDR	2Q	2Q		2Q					
JALEPV -DT&OT, MSIII&FRP		4Q	2Q						
ESIRP - PDR & DT/OT CDR	4Q	3Q							
JHMCS - LRIP III, FRP	1Q	1Q							
JHMCS P3I NIGHT - PDR, CDR, DT, OT	3Q	3Q	4Q	3Q					
CWTS - DT		4Q							
WFOV NVG NIGHT - DT, OT			4Q	3Q					

R-1 SHOPPING LIST - Item No.

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification							DATE:	
							Februa	ry 2003
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME PROJECT NUMBER AND NAME							
RDT&E, N / BA-5	0604264N/Aircrew	4264N/Aircrew Systems Development W2879/SIIIS Ejection Program						
COST (\$ in Millions)	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009
Project Cost	0.977	0.977						

(U(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION:

The FY 2002 funding is needed to improve ejection seat performance, increase crashworthy protection, and reduce risk of injury to ejecting aircrew. This improvement is needed due to the introduction of newer technologies to enhance war fighting capabilities through the use of additional aircrew attached information systems (i.e. Helmet Mounted Displays), and more man-mounted equipment. This effort will help mitigate the increased physiological loading imparted to the aircrew as a result of these newer technologies, and still maintain current risk of injury envelope and protection. Funds will be used to reduce physiological loads by developing modular devices that can be used to improve stability and restraint of the SIIIS Ejection Seat.

R-1 SHOPPING LIST - Item No.

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification					
PROGRAM ELEMENT NUI	MBER AND NAME	PROJECT NUMBER AND N			
0604264N/Aircrew Systems	s Development	W2879/SIIIS Ejection Progra	am		
FY 02	FY 03	FY 04	FY 05		
0.977	0.977				
FY 02	FY 03	FY 04	FY 05		
FY 02	FY 03	FY 04	FY 05		
1.132	1.00		99		
	0604264N/Aircrew Systems FY 02 0.977 improvements and identify integration	improvements and identify integration risks. Contract Award N	FY 02 FY 03 FY 04	FY 02 FY 03 FY 2003: Continue to develop restraint improvements and identify integration risks. Contract Award November 2002. FY 2003: Continue to develop restraint improvements and identify integration risks.	

R-1 SHOPPING LIST - Item No.

CLASSIFICATION:

EXHIBIT R-2a, RDT&E Project Justification					DATE:	
						February 2003
APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER		PROJECT NUM	BER AND NAME		
RDT&E, N / BA-5	0604264N/Aircrew Systems Dev	0604264N/Aircrew Systems Development			ection Program	
(U) C. PROGRAM CHANGE SUMMARY:						
(U) Funding:	FY 2002	FY 2003	FY 2004	FY 2005		
Previous President's Budget:	0.991	0.000	0.000	0.000		
Current BES/Presidents Budget:	0.977	0.977	0.000	0.000		
Total Adjustments	-0.014	0.977	0.000	0.000		
Summary of Adjustments						
Congressional program reductions						
Congressional undistributed reduct	ons	-0.006				
Congressional rescissions	-0.002					
SBIR/STTR Transfer	-0.013					
Economic Assumptions	-0.003	-0.017				
Reprogrammings	0.004					
Other Navy/OSD Adjustments		1.000				
Congressional increases						
Subtotal	-0.014	0.977	0.000	0.000		
(U) Schedule:						
Not Applicable						
(U) Technical:						
Not Applicable.						
, tot, pp. odd.c.						
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